

ORAL / POSTER PRESENTATION

We invite researchers, scientists, faculty members and research scholars to submit (rabt2024@gmail.com) the abstract of their Oral or Poster presentation on or before 10th January, 2024. Selection of the oral or poster presentation will be decided by the committee members. The abstract of both poster and oral will be published in proceeding book with ISBN number. Proceedings will be available to the participants against the separate payment (contact the mobile numbers given in communication). The venue and time of poster display will be informed on the day of National Seminar. Poster size should be 120 cm height, 80 cm width. Each Oral presentation will be allotted 5 minutes.

Best Oral and Poster presentation will be awarded.

REGISTRATIONS

Students/Research Scholars	: Rs. 250
Faculty/Delegates	: Rs. 400
Industrialist	: Rs. 500

ACCOMMODATION

Participants have to make their own accommodation. Refreshments and lunch will be provided along with conference material on the day of National Seminar.

Payment Link: For Online payment, click the link

(<https://admission.sjctni.edu/BT/RABT/>)

or Scan QR code



Once the Online registration is done, kindly share the Participant's Name, Department, College Name and Event (Oral/Poster) registration form along with payment screenshot to

rabt2024@gmail.com

Venue: SAIL Auditorium
Arrupe Library Building
St. Joseph's College (Autonomous)
Trichy - 620002, Tamil Nadu

ORGANIZING COMMITTEE

Patrons

Rev. Dr. Pavulraj Michael, SJ
Rector, St. Joseph's College (Autonomous)
Rev. Dr. K. Amal, SJ
Secretary, St. Joseph's College (Autonomous)
Rev. Dr. M. Arokiasamy Xavier, SJ
Principal, St. Joseph's College (Autonomous)
Dr. P. Rajendran
Deputy Principal, St. Joseph's College (Autonomous)

Seminar Convenor

Dr. A. Edward
Head and Assistant Professor of Biotechnology

Organizing Secretary

Dr. J. Arutchelvi
Assistant Professor of Biotechnology

Co-Organizing Secretaries

Dr. A. Asha Monica
Dr. V. Swabna
Assistant Professors of Biotechnology

IMPORTANT DATES :

Deadline for Submitting Abstract:
10th January 2024

Abstract Acceptance Notification :
12th January 2024

Last Date of Registration
5th February 2024

Address for Communication
Dr. J. ARUTCHELVI

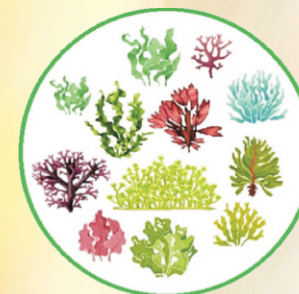
Assistant Professor of Biotechnology
St. Joseph's College (Autonomous)
Tiruchirappalli - 620002, Tamil Nadu.

E-mail: rabt2024@gmail.com

For further details :

6383335768 / 6380023279 / 9150293132

NATIONAL SEMINAR ON RECENT ADVANCES IN BIOMEDICAL TECHNOLOGY - 2024 (RABT)



February 6th, 2024



DEPARTMENT OF BIOTECHNOLOGY
SCHOOL OF BIOLOGICAL SCIENCES
St. JOSEPH'S COLLEGE (Autonomous)

Special Heritage Status Institution - UGC, Accredited at 'A++' Grade (4th Cycle) by NAAC
College with Potential for Excellence by UGC, DST-FIST Sponsored & DBT - STAR College

TIRUCHIRAPPALLI - 620 002, INDIA
www.sjctni.edu

ABOUT THE INSTITUTION

St. Joseph's College is an esteemed institution with a long history and a dedication to academic excellence in Trichy. It is one of the autonomous colleges affiliated to Bharathidasan University, located in the central part of Tamil Nadu, South India. It was established in 1844 by the Society of Jesus (The Jesuits). The motto of the college is "For the Good and the True". The college celebrated its centenary in 1944, sesqui-centenary in 1994 and Dodransbicentenary in 2018. The college was recognised by UGC as a College with Potential for Excellence (CPE) in 2004 and was reaccredited by NAAC with A Grade in 2012. St. Joseph's college was awarded with Special Heritage Status by UGC in 2015. Our college was reaccredited with the highest A⁺⁺ Grade (Cycle-IV) in 2019 and is ranked as 25th position in NIRF India rankings 2023 under college category. The college imparts societal responsibilities and human values in the young mind of our Nation for several decades.

ABOUT THE DEPARTMENT

The Department of Biotechnology was started in 2002 to produce Post graduates who would suit to the needs of human resource required in Industries, National laboratories, R & D Labs, Pharmaceutical companies and Higher Education Institutes in India and abroad. Bharathidasan University has elevated the Department as a Research Department in the year 2007 and offered affiliation to conduct M. Phil and Ph.D. programs. The department is housed in the newly constructed Arrupe Library building consisting of class rooms with audio visual facilities, research laboratories, special labs for molecular biology, plant tissue culture and microbiology. Pass out students have been settled in various scientific organizations in India and abroad. The department actively participates in teaching, research and co-curricular activity to boost and build

careers of the students. The students are trained to the new developments in Biotechnology research, communication skills, personality development, etc. The faculty received research grants from funding agencies like UGC and DBT.

ABOUT THE RABT 2024

The Biomedical Technology is an interdisciplinary science that deals with application of technological and engineering principles to the field of biology and medicine. It involves the development, design, and utilization of tools, devices, and systems that can be used to improve and advance healthcare diagnosis, treatment, and patient care. Biomedical technology encompasses a wide range of areas, including medical imaging, diagnostic equipment, designing biomaterials, medical informatics, and biotechnology. On February 6, the Department of Biotechnology at St. Joseph's College will host the One-day National Seminar on Recent Advances in Biomedical Technology-2024 (RABT). The intention of this seminar is to provide an excellent forum for hearing from specialists on the most recent developments in the field of biomedical research. This might pave the way for collaborative research in this area. Prominent researchers and scientists from top universities will provide the delegates with thought-provoking views on new therapeutic strategies to treat metabolic disorders like Diabetes, drug delivery, regenerating materials and promising biomaterials from algae, respectively.

THEMES AND TOPICS OF THE SEMINAR

Participants are invited to give oral or poster presentation on the following topics:

1. Biopolymers in biomedical applications
2. Phytochemicals

3. Healthcare materials
4. Drug designing
5. Drug Delivery systems
6. Drug-Drug interaction
7. Tissue engineering
8. Biofilm
9. Nanocoating
10. Biosensors
11. Nanotechnology in Biomedical applications

INVITED SPEAKERS

1. Dr. MUKESH DOBLE

Distinguished Professor at Department of Endodontics, Saveetha Dental College & Founding Director at Theevanam Additives and Nutraceuticals (P) Ltd., Chennai, Tamil Nadu & Former Professor of Department of Biotechnology, IIT Madras.

Title: Synergy: Phytochemicals and drugs combination for the treatment of Diabetes.

2. Dr. K. ARUNKUMAR

Professor of Plant Science, Dean of School of Biological Sciences, Central University of Kerala, Periyar, Kasaragod, Kerala.

Title: Recent insights into carrageenan: Resource, structure biology, chemistry and application of sustainable marine polymer.

3. Dr. R. RAJA

Professor, Research and Development Wing, Sree Balaji Medical College and Hospital (SBMCH), Bharath Institute of Higher Education and Research (BIHER), Chrompet, Chennai, Tamil Nadu.

Title: Algae as a biomaterial source for medical application.

4. Dr. V. NANDAKUMAR

Associate Professor, Artificial Organ, Sri Ramachandra Institute for higher Education and Research, Chennai, Tamil Nadu.

Title: Regenerative materials for localized cell and drug delivery.